

Form PTO-1449  
Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 520.32696CC8  
Serial No. 10/772,376  
Applicant: I. ARAI, et al  
Filing Date: February 6, 2004  
Group: 2111



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
----------------------	-----------------	------	------	----------------	---------------------------

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
61-290529	12/86	Japan		(abstract)
2-007696	1/90	Japan		X

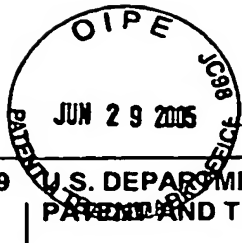
Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

RAYMOND PHAN

Date Considered 9-20-05

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.



Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 520.32696CC8	SERIAL NO. 10/772,376
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)		<b>APPLICANT</b> ARAI et al	
		<b>FILING DATE</b> Feb. 6, 2004	<b>GROUP</b> 2111

**U.S. PATENT DOCUMENTS**

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
RP	AA	4,995,080	2/91	Bestler		
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					

**U.S. PATENT APPLICATIONS**

	Publication Number	Name	Publication Date
	AI		
	AJ		
	AK		
	AL		

**FOREIGN PATENT DOCUMENTS**

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						

**OTHER DOCUMENTS**

	AR	
	AS	
	AT	

<b>Examiner</b> RAYMOND PHAN	<b>Date Considered</b> 9-20-05
---------------------------------	-----------------------------------